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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/015,740	12/13/2001	Bernhard Schulze Wartenhorst	5004273-001US1	8869
29739	7590	03/10/2005		
SMITH MOORE LLP P.O. BOX 21927 GREENSBORO, NC 27420			EXAMINER PRICE, RICHARD THOMAS JR	
			ART UNIT 3643	PAPER NUMBER

DATE MAILED: 03/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/015,740

Applicant(s)

WARTENHORST, BERNHARD
SCHULZE

Examiner

Thomas Price

Art Unit

3643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12-13-2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

The election of Species IA without traverse is considered. Species IA is believed to read on claims 1-6.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Nordegren et al U.S. Patent 4,011,838.

Nordegren et al teach an electronic milker which is structurally similar to the Applicant's claimed method of milking. The electronic milker of Nordegren et al includes electronic controlled predetermined phases, such as a stimulation phase, a milking phase and a post milking phase and a switch off phase. The duration of the phases is dependent on the rate of milk flow reaching certain predetermine levels and on time lapse parameters. The working vacuum or massage vacuum pulses also variable as to pulse frequency and duration. The teat cups can also be operated independently of one another, and can be subjected periodically to sequential pulses of the massage vacuum to operate the teat cups sequentially. A system control device is included for controlling the vacuum and pulse parameters of each phase in response to the level of milk flow and lapses of time, and includes electronic logic circuitry and electronic drivers.

Regarding claim 1, Nordegren teach in column 4, last paragraph, that "the teat cups can be subjected sequentially to the massage vacuum to operate the teat cups in sequential pulsation".

As for claim 2, the Examiner interprets the term "sequentially" to mean that only one teat is stimulated at a time.

In regards to claims 3 and 4, the Examiner believes that a phase without stimulation occurs between the sequential stimulation of two different teats, otherwise, the sequentially stimulation would not exist.

Regarding claim 5, the udder receiving a pre-stimulation is broad enough to read on the farmer connecting the teat cups to the animal.

In regards to claim 6, the intensity of the pulsation can be adjusted depending on the time elapsed or the quantity of milk produced.

Conclusion

Summary: Claims 1-6 are rejected, while claims 7-30 are directed to a non-elected invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas Price whose telephone number is 703-308-2694. The examiner can normally be reached on Monday through Friday from 8:30a.m. to 5:00p.m..

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Poon can be reached on 703-308-2574. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Thomas Price

Primary Examiner GAU: 3643

rtp